THE SIPRO BEGINNING OF TERM II EXAMINATIONS 2024

SUBJECT : **MATHEMATICS**

CLASS : **PRIMARY SIX**

DURATION : **2 hours 30 minutes**

Name : _____

School : _____

District : _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**.
2. Section **A** has **20** questions **(40 Marks)**.
3. Section **B** has **12** questions **(60 Marks)**.
4. Attempt all questions in both sections. All answers to both sections **A** and **B**. must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or **ink**. Only diagrams and graph work must be done in **pencil**.
6. Unnecessary **alteration** of work will lead to loss of marks.
7. Any **handwriting** that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated: **"FOR EXAMINER'S USE ONLY"**

For Examiner's Use Only;

PAGES	MARKS	INITIALS
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Page 6		
Page 7		
Total		

Please turn over

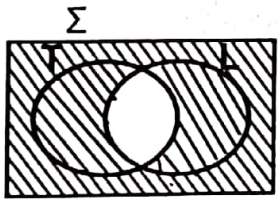
THE SIPRO EDUCATIONAL SERVICES LIMITED - KAMPALA

PUBLISHERS OF THE SIPRO TEACHERS' GUIDES, LEARNER'S WORKBOOKS & PUPIL'S COMPANIONS

SECTION A : 40 MARKS

Attempt **all** *questions in this section.*

Questions **1** to **20** carry **two** marks each.

1.	Write **43** in Roman numerals.	2.	Amooti had a fifty thousand shilling note and bought a bag at thirty thousand shillings. How much was his change?
3.	Complete the **pattern** below; 30, 25, 21, 16, 12, _____	4.	Express **42**kg to grams.
5.	Draw an angle of **40°** in the space below using a protractor.	6.	**Divide;** $3\overline{)435}$
7.	Describe the **shaded** region below. 	8.	James had an orange.He gave out ⅔ of it to Tim. What fraction remained?
9.	Write in short; **3b + b + 6b**	10.	Change **3000** meters into kilometres.

11.	If  represents **5** trees, draw pictos to show **30** trees.	12.	Given that **a = 4** and **b = 5**. Evaluate **2a + b**.
13.	Work out the quotient between the value of **9** and value of **3** in **4938**.	14.	In the space below, draw a set to show all **cows** (C) are animals (A).
15.	**Add;** years months 2 3 + 6 8	16.	**Work out;** $\frac{2}{3} + \frac{1}{4}$
17.	**Simplify;** 3 x 4 ÷ 2 + 9	18.	**Work out;** $^{+}6 - {}^{-}3$
19.	K and **40°** are complemetary angles. Find the value of K.	20.	Find the square root of **100**.

SECTION B: 60 MARKS

Attempt **all** *questions in this section.*

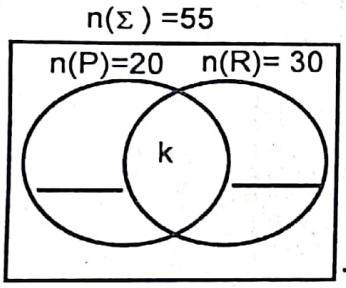
Marks for **each part** *of the question are* **indicated** *in the brackets.*

21.a) Express $\frac{12}{7}$ to a mixed number. *(02 marks)*

b) Arrange **0.003, 0.03** and **0.33** in descending order. *(03 marks)*

22 At a school party, **55** guests were invited, **20** guests were served with posho (P), **30** guests were served with rice (R), k guests were served with both dishes while **10** guests were not served with any kind of food.

a) Complete the venn diagram below. *(03 marks)*



b) How many guests were served with both dishes? *(02 marks)*

23 a) Calculate the diameter of a circle whose **radius** is **4.5cm**. *(01 mark)*

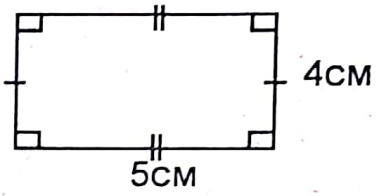
b) Using a pair of compasses, a pencil and a ruler only, construct an equilateral triangle in a circle of radius **3cm**. *(04 marks)*

24.a) **Work out;**

km	m
6	400
- 2	900

(02 marks)

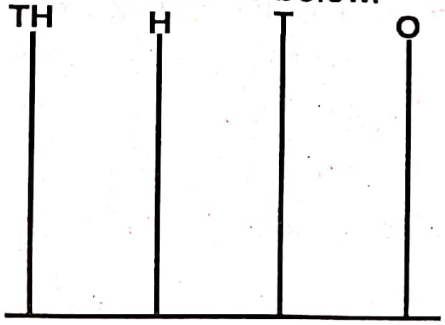
b) Juma moved round the figure below thrice, calculate the distance he covered. *(03 marks)*



25a) Write **1,098** in words. *(02 marks)*

b) Expand **1962** using powers of ten. *(02 marks)*

c) Represent **2045** on the abacus below.



(02 marks)

26.a) Change **2½** hours to minutes.

(02 marks)

b) A mathematics lesson started at **8:00am** and ended at **10:30am**. For how long was the lesson?

(02 marks)

27 **Complete the bill table below**

Item	Quantity	Unit cost	Amount
cooking oil	2 litres	sh.9,000	sh;18,000
bread	2 loaves	sh.5,500	sh._____
sugar	3kgs	sh._____	sh.12,000
milk	_____litres	sh.1,200	sh.2,400
meat	1½kg	sh. 15,000	sh._____
Total			sh._____

(05 marks)

28 a) When **17** is added to **m**, the answer is **20**. Find the value of **m**. *(02 marks)*

b) The product of **2** numbers is **24**. If the first number is **8**, find the second number. *(03 marks)*

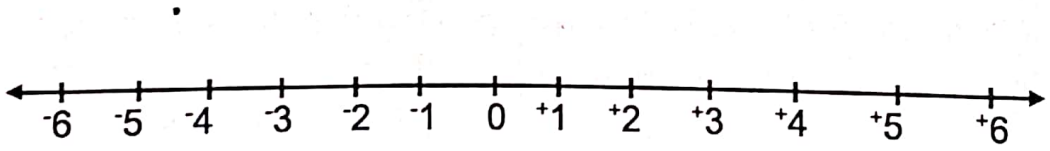
29 a) **Work out;**

$$\begin{array}{r} 8946 \\ +4185 \\ \hline \\ \hline \end{array}$$

(02 marks)

b) **Simplify;** 4 of 6 ÷ 4 - 3 *(03 marks)*

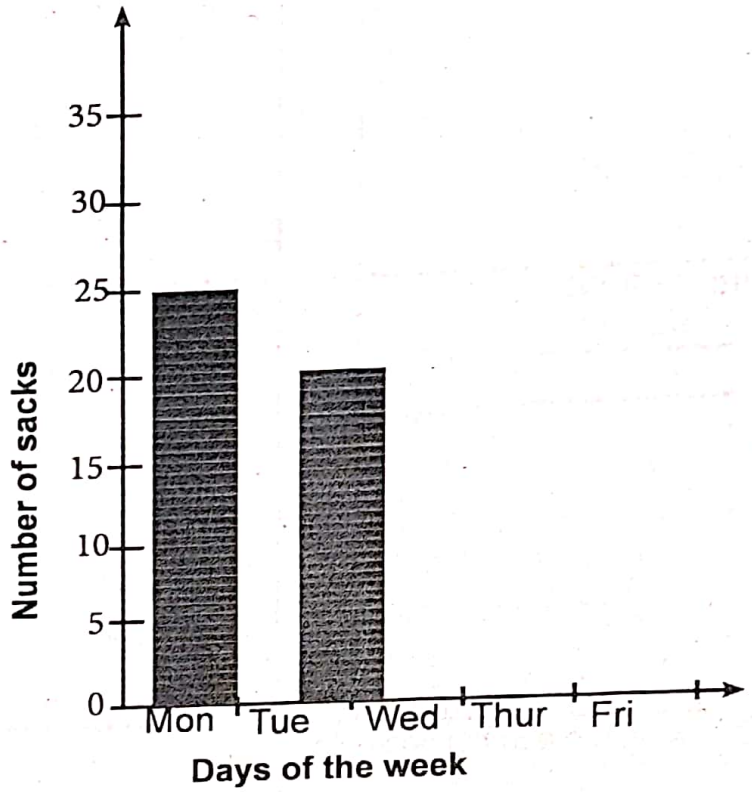
30 a) Show $^{+}3 + {}^{+}4$ on the number line below. *(03 marks)*



b) Arrange $^{-}6$, 0, $^{+}3$, $^{-}2$, $^{+}2$, $^{-}5$ in ascending order. *(02 marks)*

31 The table below shows the sacks of maize which were produced in a week by a milling company. Use it to draw a bar graph to show the data. *(06 marks)*

Days of the week	Mon	Tue	Wed	Thur	Fri
Number of sacks	25	20	30	10	15



32.a) Find the Highest Common Factor of 20 and 30. *(02 marks)*

b) The ratio of the two numbers is **2:3** respectively. If their GCF is **10,** calculate their Lowest Common Multiple. *(02 marks)*